

IN THE CLAIMS

Claims 1-26 have been canceled.

27. (Previously Presented) A contaminated liquid mixing apparatus, comprising:

- a reactor head;
- a down tube extending from the reactor head and in fluid communication therewith; and
- a plurality of ports formed in the reactor head and configured to impart a spinning motion to a flow of liquid as it passes from the reactor head into the down tube, wherein each port is adapted with threads to receive a threaded flow restrictor to permit selective control of velocity and flow volume of a liquid through the down tube.

28. (Previously Presented) A contaminated liquid mixing apparatus, comprising:

- a reactor head;
- a down tube extending from the reactor head and in fluid communication therewith;
- a plurality of ports formed in the reactor head and configured to impart a spinning motion to a flow of liquid as it passes from the reactor head into the down tube, wherein each port is adapted to receive a flow restrictor to permit selective control of velocity and flow volume of a liquid through the down tube; and
- at least one flow restrictor removably disposed within one of the plurality of ports.

29. (Previously Presented) The apparatus of claim 28 wherein the plurality of ports are drilled and tapped so as to include threads, to thus allow the at least one flow restrictor to be threaded into one of the plurality of ports.